



PROJECT INFORMATION

Sub-regional workshops on road transport emission estimation methods for EECCA and Western Balkan countries



Participants working on their datasets during the workshop

Source: UNECE

Background

Transport continues to be a significant source of air pollution, especially in cities in the UNECE region. Air pollutants, such as particulate matter (PM) and nitrogen dioxide (NO₂), harm human health and the environment. Although air pollution from transport has decreased in the last decade, too many people are still exposed to concentrations of air pollution that exceed the guideline level set by the World Health Organization (WHO). In order to enable political decision-makers to respond to transport-related air pollution and to devise tailor-made policy solutions for a country, precise and complete data on transport emissions are needed.

Project details

Under the Convention on Long-range Transboundary Air Pollution (Air Convention), UNECE has been assisting countries in Eastern Europe, the Caucasus and Central Asia (EECCA) to improve their emission inventory data with a view to facilitating their ratification and implementation of the Air Convention and its key protocols. To further assist countries, UNECE organized a workshop to improve countries' understanding of advanced methods to calculate emissions from the road transport sector. Specifically, participants learned about the so-called COPERT (Computer Programme to calculate Emissions from Road Transport) model, the most advanced method to calculate emissions, using data on vehicle population, mileage, speed and ambient temperature, among others. The use of the COPERT software tool allows for a transparent and standardized, hence consistent and comparable data collecting and emissions reporting procedure, in accordance with the requirements under the Air Convention. As a result of the workshop, 6 countries developed draft national datasets using advanced methods, which will improve the overall emission inventories and reporting under the Air Convention.

Updated: 07/2022

Project country/region: Eastern Europe, the Caucasus, Central Asia and Western Balkan countries

Duration: 09/2021 – 07/2022

Beneficiaries: Technical experts from environmental authorities and/or other technical institutions dealing with air pollutant emission inventories specifically from the road transport

Implementing organisation: UNECE Secretariat to the Convention on Long-range Transboundary Air Pollution

Project number: 157315

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Advisory Assistance Programme (AAP)

for environmental protection in the countries of Central and Eastern Europe, the Caucasus and Central Asia and other countries neighbouring the European Union – a programme of the Federal Ministry for Environment, Nature Conservation, Nuclear Safety and Consumer Protection

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